

Access DB# 77742

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Art. Singh R Examiner #: 75464 Date: 10/10/09  
Art Unit: 1771 Phone Number 305-0291 Serial Number: 10/066738  
Mail Box and Bldg/Room Location: 113 24 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

hit . US 6,294,487

No Litigation Reported

## STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Mellerson</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>8-4483</u>	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit <u>2529</u>
Date Searcher Picked Up: <u>10/10/02</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>10/10/02</u>	Litigation <input checked="" type="checkbox"/>	Lexis/Nexis <u>40.00</u>
Searcher Prep & Review Time: <u>2</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>40</u>	Other _____	Other (specify) _____

**Current session 10/10/2002**

(C) QUESTEL 1994

QUESTEL.ORBITE (TM) 1998

10/10/02 21\*36\*04

Last connection: 09/10/02 20\*41\*57

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- USAPPS Reloaded: Pricing, see INFO USAPPS  
- USPCL: US Patent Class Definition Look-up File - INFO USPCL  
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**Query/Command : FILE PLUSPAT**

QUESTEL - Time in minutes : 1,01

The cost estimation below is based on Questel's  
standard price list

Estimated cost :	0.87 USD
Cost estimated for the last database search :	0.87 USD
Estimated total session cost :	0.87 USD

Selected file: PLUSPAT

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Comprehensive Worldwide Patents database

New Patent Citation Commands &amp; FAM Citation Report - see INFO PATCITE

Last update of file: 2002/10/02 (YYYY/MM/DD) 2002-39/UP (basic update)

Search statement 1

**Query/Command : US6294487/PN****\*\* SS 1: Results 1**

Search statement 2

**Query/Command : PRT FULL NONSTOP LEGALALL**

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1 / 1 PLUSPAT - ©QUESTEL-ORBIT

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**PN** - **US6294487** B1 20010925 [**US6294487**]  
**TI** - (B1) Airbag fabric processing very low cover factor  
**PA** - (B1) MILLIKEN & CO (US)  
**IN** - (B1) KESHAVARAJ RAMESH (US)  
**AP** - US4059999 19990924 [1999US-0405999]  
**PR** - US4059999 19990924 [1999US-0405999]  
**IC** - (B1) B32B-005/08  
**EC** - B32B-027/12  
B60R-021/16B4  
**PCL** - ORIGINAL (O) : 442218000; CROSS-REFERENCE (X) : 280728100 428034300  
428034500 428034600 428034700 428036100 442076000 442152000 442158000  
442164000 442168000 442181000 442203000  
**DT** - Basic  
**CT** - US3792873; US4921735; US4944529; US5087071; US5090729; US5093163;  
US5110666; US5215795; US5236775; US5277230; US5310216; US5316337;  
US5356680; US5365651; US5405164; US5407223; US5423273; US5454587;  
US5454594; US5458364; US5477890; US5498024; US5503197; US5508073;  
US5520414; US5533755; US5544911; US5547212; US5553886; US5564738;  
US5564739; US5566973; US5620200; US5652389; US5683100; US5692777;  
US5704402; US5709405; US5952250; US6220309  
**STG** - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001  
**AB** - The present invention relates to an airbag fabric which is woven in such a manner as to possess a cover factor of less than about 1900 but which simultaneously, through the presence of a film (laminate) or coating, possesses an extremely low air permeability. The utilization of such a loosely constructed fabric within airbag cushions has heretofore not been possible, even with the application of standard airbag coatings (such as silicones) over the fabric surface since such coatings with not easily remain in contact over the loosely constructed fabric surface (i.e., the coating would leak through the fabric). The coupling of a low cover factor fabric with a laminate film (or with a coating wherein the cover factor is at least 1600), however, solves such a problem and permits the utilization of inexpensively produced woven fabrics within airbag applications.  
**UP** - 2001-40

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1 / 1 LGST - ©LEGSTAT

PN - US 6294487 [US6294487]  
AP - US 405999/99 19990924 [1999US-0405999]  
DT - US-P  
ACT - 19990924 US/AE-A  
APPLICATION DATA (PATENT)  
US 405999/99 19990924 [1999US-0405999]  
  
20010925 US/BA  
PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)  
  
20020521 US/RF  
REISSUE APPLICATION FILED  
20020204  
UP - 2002-22

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1 / 1 CRXX - ©CLAIMS/RRX

PN - 6,294,487 A 20010925 [US6294487]  
PA - Milliken & Co  
ACT - 20020204 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020521  
REISSUE REQUEST NUMBER: 10/066738  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1771

Reissue Patent Number:

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1 / 1 PAST - ©Thomson Derwent

AN - 200221-002039  
PN - 6294487 A [US6294487]  
OG - 2002-05-21  
ACT - REISSUE APPLICATION FILED

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,46  
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Estimated cost :	1.01 USD
Records displayed and billed :	1
Estimated cost :	1.10 USD
Cost estimated for the last database search :	2.11 USD
Estimated total session cost :	2.98 USD

LGST - Time in minutes : 0,05  
The cost estimation below is based on Questel's

standard price list

	Estimated cost :	0.05 USD
Records displayed and billed :	1	
	Estimated cost :	0.57 USD
Cost estimated for the last database search :		0.62 USD
Estimated total session cost :		3.60 USD

CRXX - Time in minutes : 0,04  
The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.06 USD
Records displayed and billed :	1	
	Estimated cost :	5.00 USD
Cost estimated for the last database search :		5.06 USD
Estimated total session cost :		8.66 USD

PAST - Time in minutes : 0,03  
The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.05 USD
Records displayed and billed :	1	
	Estimated cost :	5.61 USD
Cost estimated for the last database search :		5.66 USD
Estimated total session cost :		14.32 USD

LITA - Time in minutes : 0,01  
The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.01 USD
Cost estimated for the last database search :		0.01 USD
Estimated total session cost :		14.33 USD

Selected file: INPADOC

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For information on content, ..INFO INPD.

Search statement 1

**Query/Command : FAM US6294487/PN**

1 Patent Groups

**\*\* SS 1: Results 1**

Search statement 2

**Query/Command : FAMSTATE NONSTOP**

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*1 / 1 INPADOC - ©INPADOC*

**PN** - US 6294487 BA 20010925 [US6294487]  
**TI** - AIRBAG FABRIC PROCESSING VERY LOW COVER FACTOR  
**IN** - KESHAVARAJ RAMESH [US]  
**PA** - MILLIKEN & CO [US]  
**AP** - US 405999/99-A 19990924 [1999US-0405999]  
**PR** - US 405999/99-A 19990924 [1999US-0405999]  
**IC** - B32B-005/08

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*1 / 1 LEGALI - ©LEGSTAT*

**PN** - US 6294487 [US6294487]  
**AP** - US 405999/99 19990924 [1999US-0405999]  
**DT** - US-P  
**ACTE** - 19990924 US/AE-A  
APPLICATION DATA (PATENT)  
US 405999/99 19990924 [1999US-0405999]  
  
20010925 US/BA  
PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)  
  
20020521 US/RF  
REISSUE APPLICATION FILED  
20020204  
**UP** - 2002-22